ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
R. Haynes	6/9/00	00-0617		925-0932	2110F	SED

8. CCR Title: Enable IP Don't Fragment Bit on FDDI Attached SGIs

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 6/30/00
R. Haynes 6/2/00	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
Jams R. Motch 6/2/00	Other	Routine

16. Documentation/Drawings Impacted: None	17. Schedule Impact: None	18. CI(s) Affected: None

19. Release Affected by this Change: N/A	20. Date due to Customer: N/A	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCR ECSed26871

23. Problem: (use additional Sheets if necessary)
Engineering Technical Directive 00-003 cleared the IP Don't Fragment Bit. This caused slow ftp data transfers between GSFC and EDC because the default packet size was reduced to 512 bytes.

24. Proposed Solution: (use additional sheets if necessary)
Issue Engineering Technical Directive (EDT) to enable the Don't Fragment bit on FDDI attached SGI hosts. This will allow a packet size of 1500 bytes to be used.

25. Alternate Solution: (use additional sheets if necessary)
none

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Slow ftp data transfers between GSFC and EDC.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Bym V Veteo 6/12/00	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): W B 6/13/00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00   ORIGINAL   ECS/EDF/SCDV/M&O